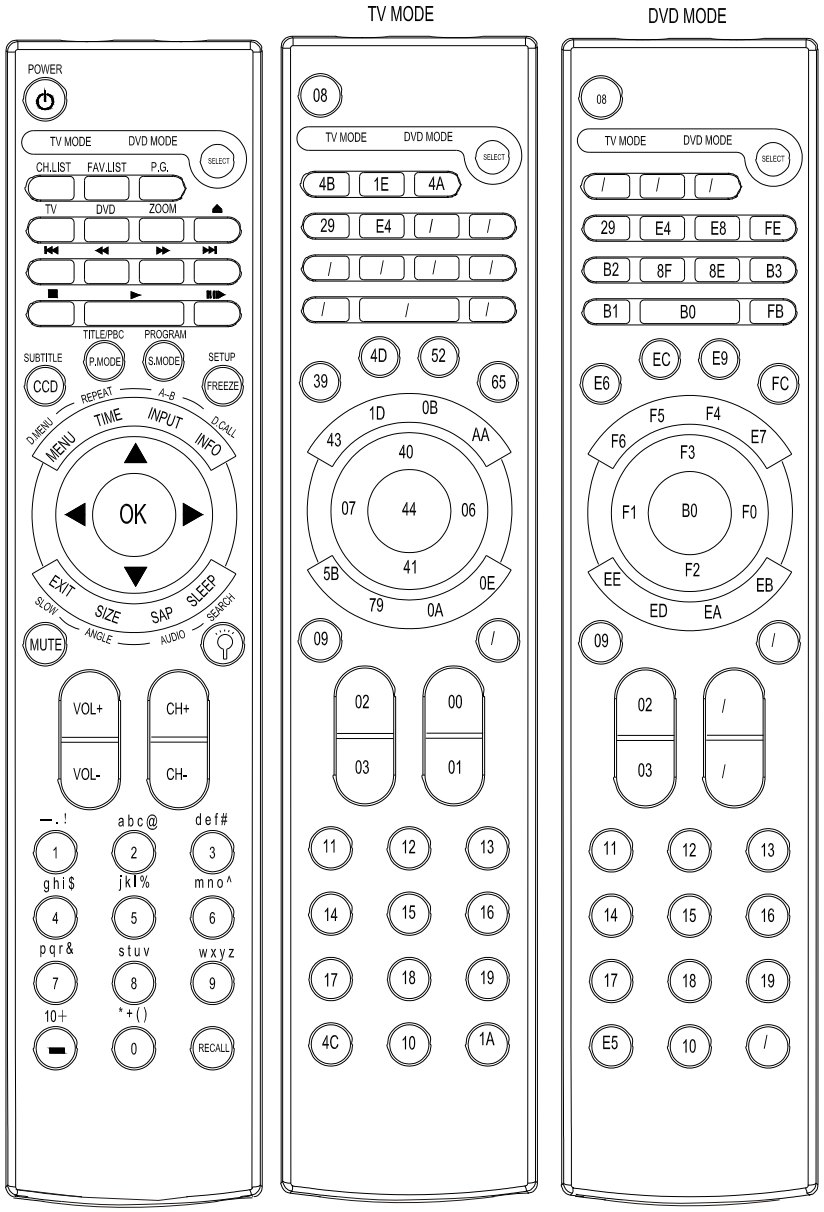
LV-2612P
LV-3212P

LCD COLOR TELEVISION OPERATING INSTRUCTIONS

MAIN FEATURES

- ◆Wide view-angle display, high contrast
- ◆MTS
- ◆HDMI

01
0090502507



Code: TV MODE: NEC format Customer code: 04FB
DVD MODE :NEC format Customer code:04FB
Carrier wave: 38K
(The data code is on the above code value,
the button doesn't send the code without code value.)

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WARNING AND CAUTION

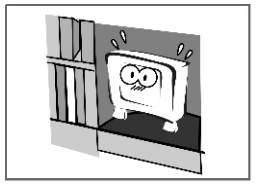
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. FOR ANY PROBLEM, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
THERE IS A LIGHTNING ARROW SYMBOL IN THE TRIANGLE: THIS SYMBOL INDICATES HIGH VOLTAGE IS PRESENT INSIDE. IT IS DANGEROUS TO MAKE ANY KIND OF CONTACT WITH ANY INSIDE PART OF THIS PRODUCT.
THERE IS A EXCLAMATION MARK IN THE TRIANGLE: THIS SYMBOL ALERTS YOU THAT IMPORTANT LITERATURE CONCERNING OPERATION AND MAINTENANCE HAS BEEN INCLUDED WITH THIS PRODUCT.

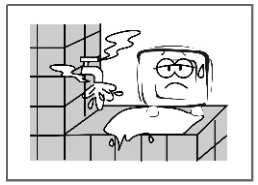
CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK AND FIRE, DO NOT PUT THE TV SET NEAR SOURCES OF HUMIDITY.
DO NOT USE ANY ABRASIVE CLEANSERS WHICH MAY SCRATCH OR DAMAGE THE LCD SCREEN. AVOID CONTACT WITH OBJECTS THAT MAY SCRATCH THE LCD SCREEN.

NOTE: SERVICING THE UNIT YOURSELF IS UNAUTHORIZED AND COULD LEAD TO INJURY OR PRODUCT DAMAGE.

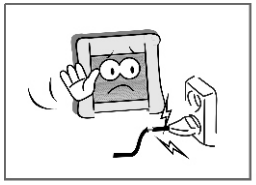
WARNING AND CAUTION



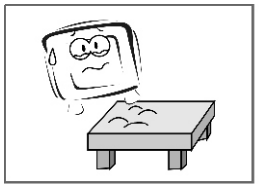
Please ensure that the set has adequate ventilation.



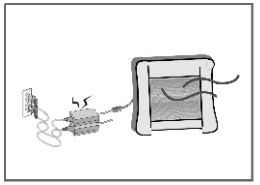
Do not put the unit near water or oil as it may cause a fire.



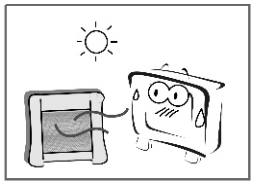
Do not use a damaged power plug or put the power supply wire near a heat source as it may cause electric shock or fire.



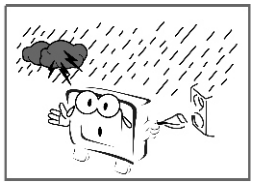
Place the set on a level surface to prevent it from tipping and potential damage.



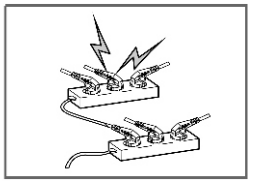
Do not place the power adapter near a heat source or it may cause a fire.



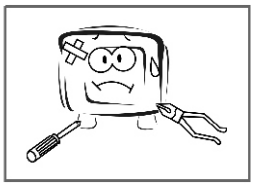
Do not place the set near a heat source or in direct sunlight.



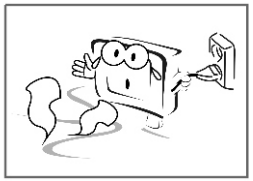
During thunderstorms, unplug both the antenna and power plug to prevent damage.



To prevent potential fire, do not overload an electrical outlet with too many plugs.

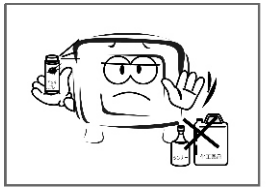


Do not remove the cover of the set or try to service. This may result in electric shock or fire. All service work must be completed by an authorized technician.

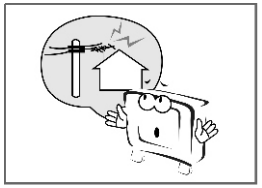


If there are any abnormal sounds or smells from the unit, unplug immediately and contact an authorized service provider.

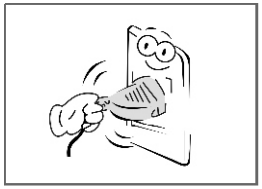
WARNING AND CAUTION



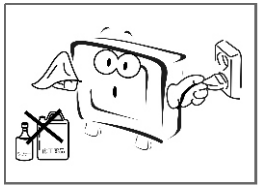
To prevent fire, do not use or store any flammable materials near the unit.



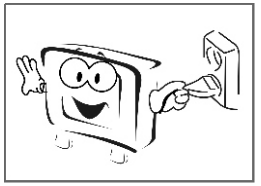
To prevent electric shock, ensure that any external antenna connected to the set is clear of contact with any power lines.



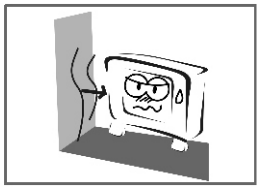
Please ensure a solid connection with the AC wall socket in order to avoid shock and potential fire.



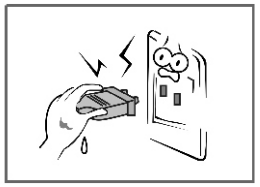
When cleaning, please unplug the unit. Use a soft cotton cloth. Do not use any abrasive cleansers, and prevent water from entering the set.



If the set is not going to be used for an extended period, unplug the unit from the AC wall outlet.

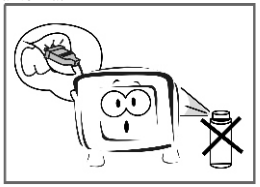


To prevent fire, do not place the unit near a damp wall.



Do not plug / unplug the unit while your hands are wet. This may cause an electric shock.

To prevent electric shock or fire, please note to prevent rain from entering the set along the wire connected to the outside antenna.



If any plugs or input wires are dirty, unplug the set and clean. This will prevent risk of electric shock or fire.

IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any hear sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purposes of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use the attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Figure 21 DU – Portable cart warning

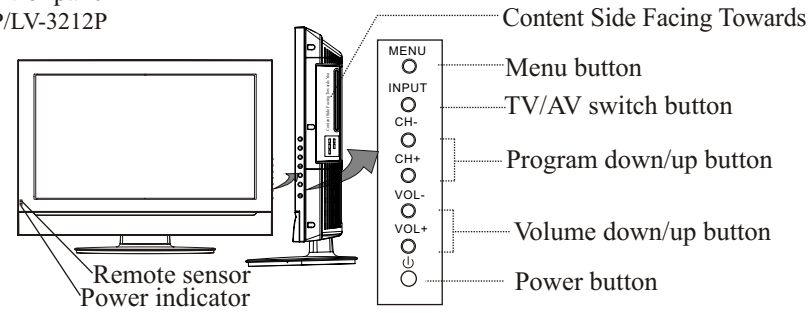
13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servcing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

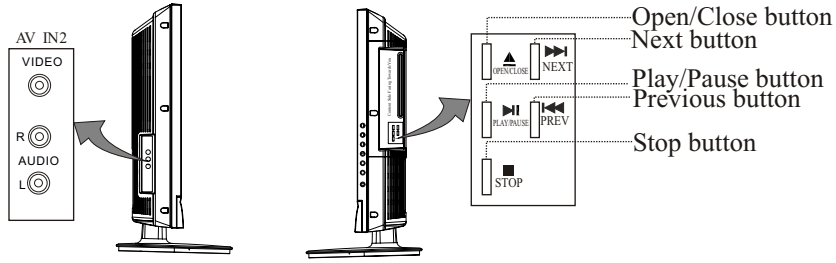
The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

The mains plug is used as the disconnect device, remain it readily operable during the apparatus normal use.

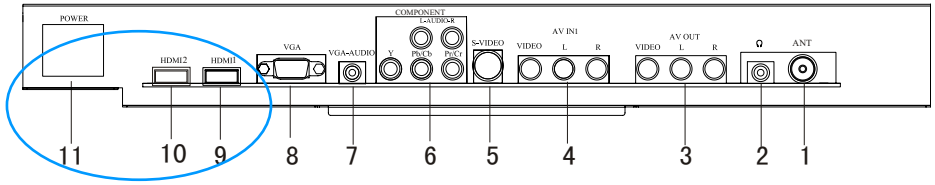
BUTTONS AND INTERFACE POSITION

Front control panel
LV-2612P/LV-3212P





Back interface

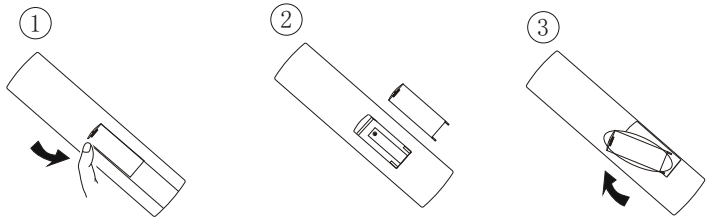


1. Antenna input
2. Earphone output
3. AV output
4. AV input
5. S-VIDEO input
6. YPbPr input
7. VGA audio input interface
8. VGA input
9. HDMI1 input
10. HDMI2 input
11.Power input socket

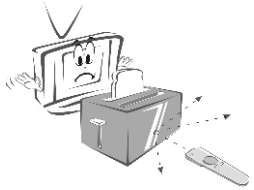
PREPARATION FOR REMOTE CONTROL

Remote control installation

1. According to the figure display below, place the remote control with face down, then open the cover of battery apartment.
2. As in the figure display below, install two AAA batteries. (The + and - symbol of battery must match with the marks on the remote).
3. Close the cover of battery apartment.

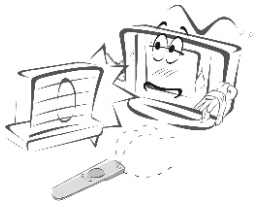


Cautions for using remote control:
Confirm there is no object between the remote control and the remote sensor of TV set.

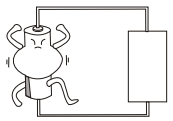


Sunshine or other strong light will interfere the signal sent by the remote control. In this situation turn the TV set to avoid the direct light source.

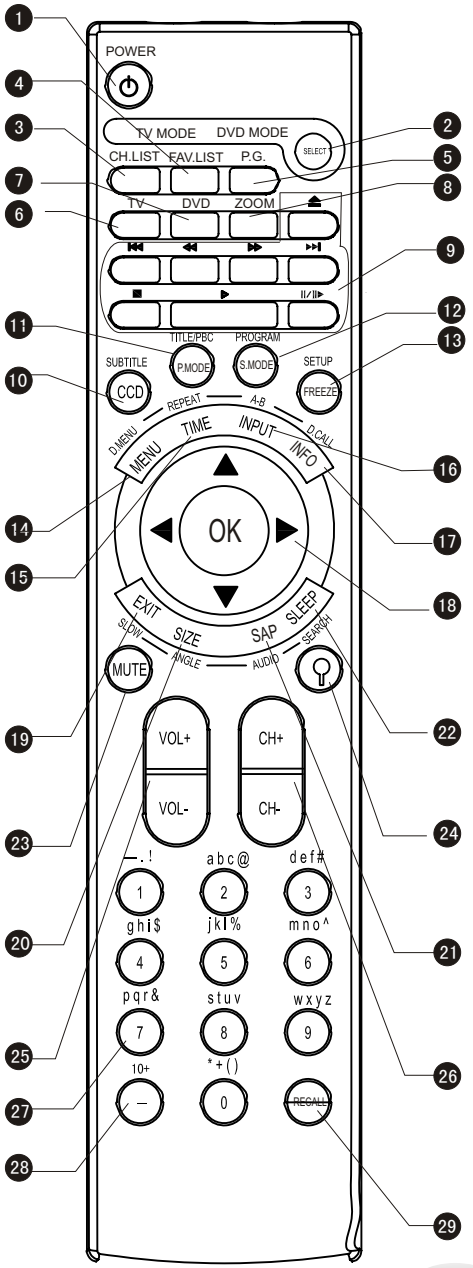
Do not put the remote control in direct heat or a damp place, or potential damage to the remote may occur.



Please use two AAA 1.5V batteries.
Do not mix battery types.
Install the batteries as the correct polarities.
Do not use rechargeable batteries.



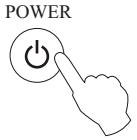
REMOTE CONTROL PANEL



Buttons and Descriptions

1. Power button
2. Select button
   press SELECT button repeatedly to select TV, DVD mode.
3. Channel list button
4. Favorite channel list button
5. Parent control button
6. TV button
7. DVD button
8. Zoom button (in DVD mode)
9. DVD functions
   - ⏮⏭ Previous/Next
   - ◀◀ ▶▶ F.REV/F.FWD
   - ■ Stop
   - ▶ Play/Enter
   - II/II▶ Pause/Step
10. Closed caption decode button
11. Picture mode button
12. Sound mode button
13. Freeze button
14. Brings up the main menu to the screen
15. Time button
16. Shows the input source mode
17. Display button
18. Up/Down/Left/Right/OK button
    Allows you to navigate the on-screen menus and adjust the system settings to your preference.
19. Exit button
20. Zoom button (in TV mode)
21. Mono/Stereo/SAP switch button
22. Sleep timer button
23. Mute button
24. Light button
25. Volume up/down button
26. Channel up/down button
27. Number button
28. Above ten program selection button (in DVD mode)
29. Recall button

BASIC OPERATION



POWER ON/OFF TV

Standby set: connecting the power supply wire, the TV set will enter standby status.

1. If the TV set is in standby status, pressing power button can cancel the standby status, then enter the power on status. The power on channel number will display on the screen and it will disappear without operation in several seconds.

2. Pressing power button again, the TV set will enter standby status.

TV PROGRAM SELECTION AND VOLUME ADJUSTMENT

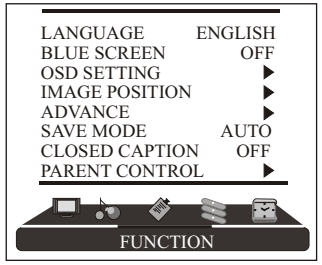
You can use CH+/- button or number button to select the TV channel number.
Press VOL+/- button to adjust the volume.

RECALL

Pressing RECALL button can switch the channel to the last channel you watched.

MUTE FUNCTION

1. Press MUTE button to shut off the TV sound, the screen displays mute mark.
2. Press MUTE button again or VOL+ button to turn on the TV sound.



OSD LANGUAGE SELECTION

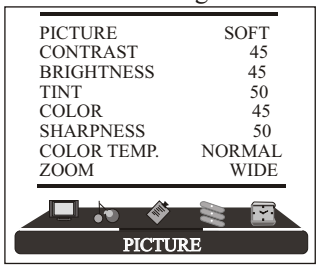
Select the LANGUAGE item in the menu.

1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select FUNCTION menu.
3. Press ▲▼ button to select LANGUAGE item.
4. Press ◀▶ button to select the language you need.

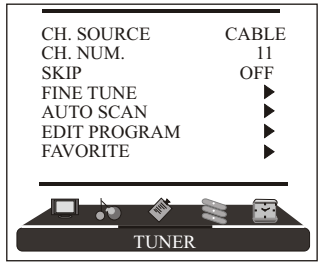
SCREEN DISPLAY

For your convenient operation and in order to know the TV set, we offer the below menus.

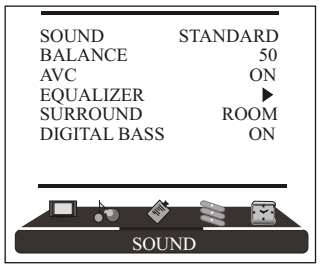
Picture setting menu



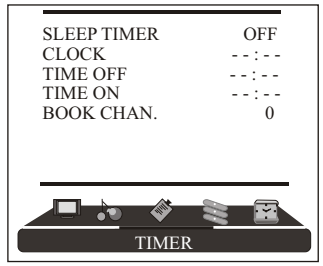
Tuner setting menu



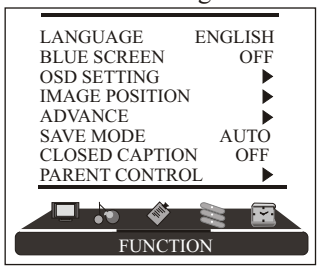
Sound setting menu



Timer setting menu



Function setting menu



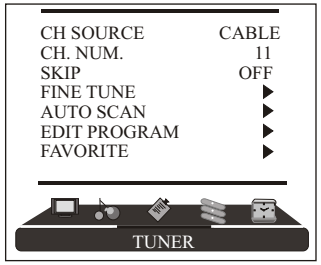
Operation instructions

The real display may be different from the above menus. If you need adjust, please do as follows:

1.Press MENU button to open the menu, press ◀▶ button to select every menu separately.
2.Press ▲▼ button to select the item needs adjust.
3.Press ◀▶ button to adjust the selected item, or enter the next menu.
4.Press MENU button to return the last menu or exit the screen menu display.

Note: "press ◀▶ button to select the menu" operation in the user's manual, please refer to these operation instructions.

TV PROGRAM SETTING



CHANNEL SOURCE

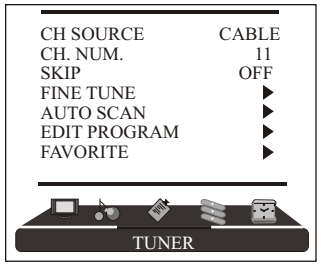
Manual search can search and order the program freely.

1.Press MENU button to make the main menu display.

2.Press ◀▶ button to select TUNER menu, press ▼ button to enter.

3. Press ▲▼ button to select CH. SOURCE item,

4. Press ◀▶ button to select CATV or AIR.



AUTO SCAN

Using AUTO SCAN can search all receiving programs. We recommend using auto search to search the program when you use this TV set for the first time.

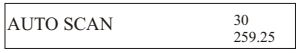
1.Press MENU button to make the main menu display.

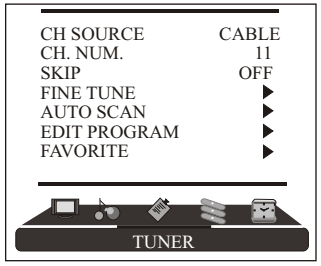
2.Press ◀▶ button to select TUNER menu, press ▼ button to enter.

3.Press ▲▼ button to select AUTO SCAN.

4.Press ◀▶ button to start searching, press MENU button to stop auto scan during searching.

Note: The order of the auto scan is due to the frequency of the program, generally speaking, it is used only at the first time you search the program, and once the order of the program has been confirmed, you don't have to use this function, otherwise the order of the program will be changed.





FINE TUNE

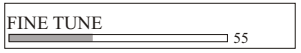
When you can't get a satisfactory picture effect, you can fine tune to improve the picture.

1.Press MENU button to make the main menu display.

2.Press ◀▶ button select TUNER menu, press ▼ button to enter.

3. Press ▲▼ button to select FINE TUNE item.

4. Press ◀▶ button to start fine tune until you obtain the best picture and sound, then release the button and press MENU button to exit.



TV PROGRAM SETTING

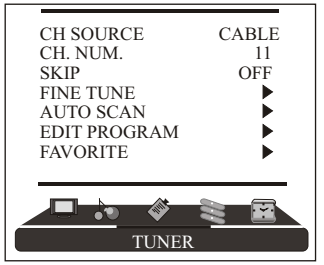
EDIT PROGRAM

Using this function, you can rename, skip, delete, copy and insert the channel.

1.Press MENU button to make the main menu display.

2.Press ◀▶ button select TUNER menu, press ▼ button to enter.

3.Press ▲▼ button to select EDIT PROGRAM item, press ◀▶ button to enter the sub-menu.

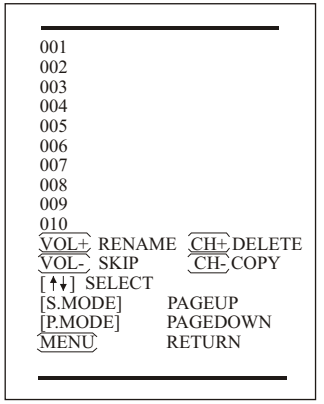


RENAME

1.Press CH+/- button to select the channel you need operate, press VOL+ button to enter rename mode.

2.Press VOL+/- button to select the number position of channel name, press CH+/- button to select number.

3.During operating, if you want to cancel input, press VOL- button to exit, after setting, press VOL+ button to save. The channel name set will display before channel number on the top right corner of screen.



SKIP

1.Press CH+/- button to select the channel you need skip, press VOL- button to skip the current channel.

2.During operating, if you want to cancel input, press VOL- button to exit, after setting, press VOL+ button to save.

3.When you use CH+/- button to select channel, this channel number will be skipped. But you can still use number button to select the skipped channel number.

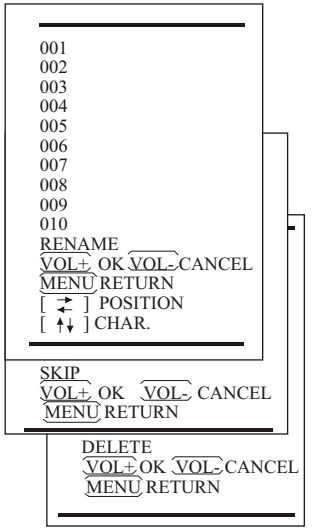
4.If you want to cancel skip, please select the skipped channel and do above steps.

DELETE

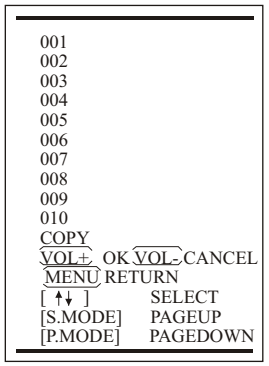
1.Press CH+/- button to select the channel you need delete, press CH+ button to delete the current channel.

2.During operating, if you want to cancel delete, press VOL- button to exit, after setting, press VOL+ button to save.

3.The deleted channel will disappear from the channel list completely, you can't use CH+/- button or one digit selection button to select this channel.

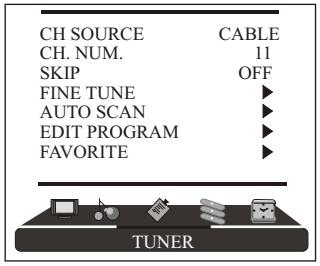


TV PROGRAM SETTING



COPY

1.Press CH+/- button to select the channel you need copy, press CH- button to copy the current channel.
2.Press CH+/- button to select the channel you need copy to, press VOL+ button to save. During operating press VOL- button to cancel copy.
3.The copied channel may have same setting as the original copied channel.



FAVORITE

1.Press MENU button to make the main menu display.
2.Press VOL+/- button to select TUNER menu, press CH- button to enter.
3.Press CH+/- button to select FAVORITE item.
4. Press VOL+/- button to enter favorite menu.

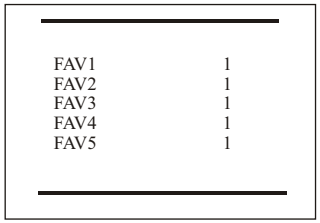


IMAGE CONTROL

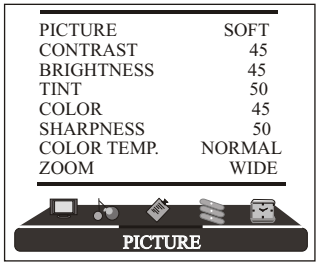
SET YOUR FAVOURITE PICTURE MODE

1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select PICTURE menu.
3.Press ▲▼ button to select the item that needs adjust.
4.Press ◀▶ button to adjust the selected item, the detailed adjustment is as following table.

The table of picture item adjustment effect

Items	VOL-	VOL+
Contrast	Weak	Strong
Brightness	Dark	Bright
*Tint	Green	Red
Color	Light	Thick
Sharpness	Blur	Sharp

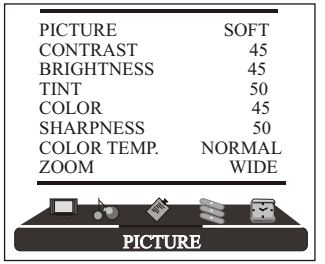
Note: Tint is only valid in N system.



PICTURE MODE

1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select PICTURE menu.
3.Press ▲▼ button to select PICTURE item.
4.Press ◀▶ button to select STANDARD, SOFT, USER or BRIGHT.

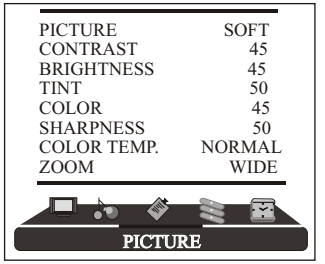
STANDARD: common mode.
SOFT: the image effect is soft.
USER: set the image effect you like.
BRIGHT: suitable for sport image.



Note: You can also press P.MODE button on the remote control to select the picture modes.

COLOR TEMPERATURE

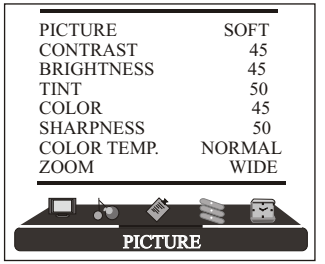
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select PICTURE menu.
3.Press ▲▼ button to select COLOR TEMP. item.
4.Press ◀▶ button to select NORMAL, COOL or WARM.



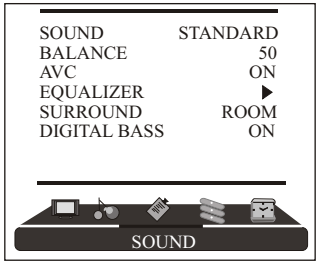
ZOOM

1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select PICTURE menu.
3.Press ▲▼ button to select ZOOM item.
3.Press ◀▶ button to select WIDE, NORMAL, ZOOM or CINEMA.

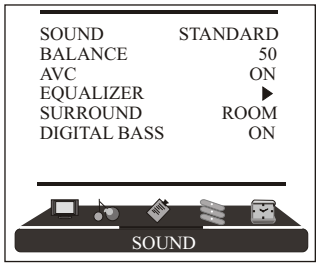
Note: You can also press SIZE button on the remote control to select the zoom modes.



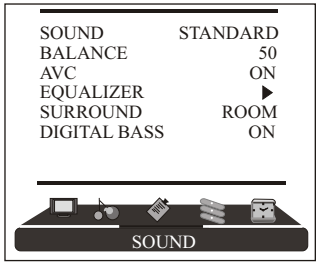
SOUND CONTROL



SOUND MODE
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select SOUND menu.
3.Press ▲▼ button to select SOUND item.
4.Press ◀▶ button to select STANDARD, NEWS, USER or MUSIC.
Note: You can also press S.MODE button on the remote control to select the sound modes.



BALANCE
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select SOUND menu.
3.Press ▲▼ button to select BALANCE item.
4.Press ◀▶ button to adjust the value.

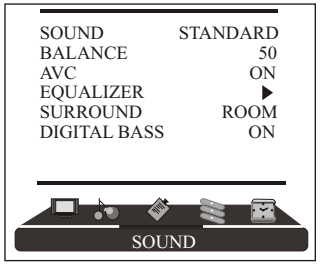


AUTOMATIC VOLUME CONTROL
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select SOUND menu.
3.Press ▲▼ button to select AVC item.
4.Press ◀▶ button to select ON or OFF.

EQUALIZER
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select SOUND menu.
3.Press ▲▼ button to select EQUALIZER item.
4.Press ◀▶ button to enter.
5.Press ▲▼ button to select different frequency.
6.Press ◀▶ button to adjust.

50	90
75	80
100	70
300	80
1K	30
3K	50
5K	80
10K	70
15K	60

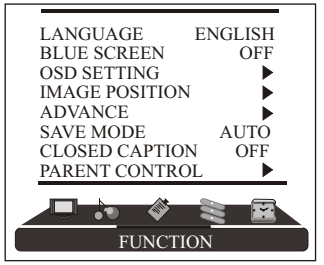
SURROUND
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select SOUND menu.
3.Press ▲▼ button to select SURROUND item.
4.Press ◀▶ button to select ROOM, THEATER, OFF or VALLEY .



DIGITAL BASS
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select SOUND menu.
3.Press ▲▼ button to select DIGITAL BASS item.
4.Press ◀▶ button to select ON or OFF.

FUNCTION SETTING

BLUE SCREEN
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select FUNCTION menu.
3.Press ▲▼ button to select BLUE SCREEN item.
4.Press ◀▶ button to select ON or OFF.



OSD SETTING
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select FUNCTION menu.
3.Press ▲▼ button to select OSD SETTING item, press ◀▶ button to enter the sub-menu.
4.Press ▲▼ button to select DUARATION. item,
5.Press ◀▶ button to adjust the duration time of OSD, and you can adjust the time from 5s to 60s.
6.Press ▲▼ button to select the HALF TONE item, the larger the value , the higher the half tone will be.
7.Press MENU button to save and exit.

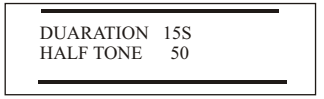
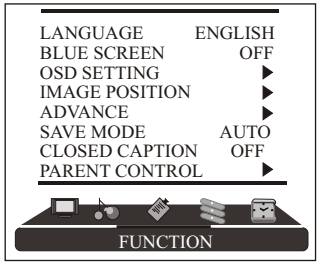
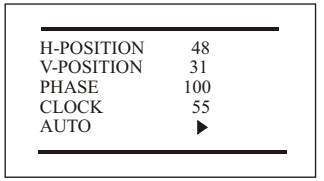
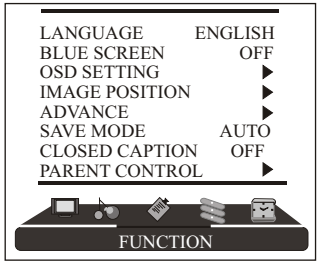


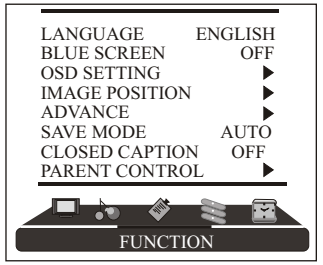
IMAGE POSITION
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select FUNCTION menu.
3.Press ▲▼ button to select IMAGE POSITION item, press ◀▶ button to enter the sub-menu.
4.Press ▲▼ button to select H-POSITION or V-POSITION item, press ◀▶ button to adjust the image position in horizontal or vertical direction.
5.Press ▲▼ button to select AUTO item, pressing ▶ button can adjust the image position automatically. If the arrow changes from green to yellow, it shows that the automatic adjustment finishes.
6.In VGA mode, if you don't get a satisfactory automatic adjustment effect, you can select PHASE, CLOCK to adjust the image properly.

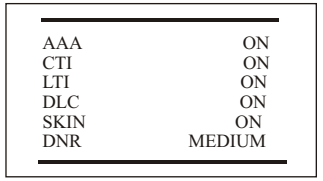


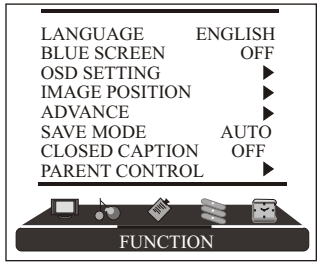


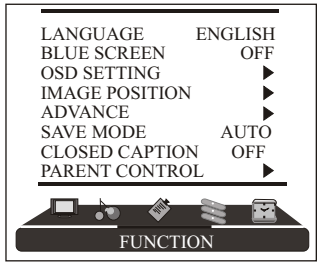
ADVANCE
Using this function can improve the quality and expressive force of image.
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select FUNCTION menu.
3.Press ▲▼ button to select ADVANCE item, press ◀▶ button to enter the sub-menu.











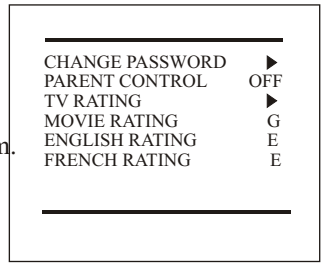
4.Press ▲▼ button to select different item, press ◀▶ button to adjust.
AAA: using this function can improve the brightness, contrast and arrangement of image. There are ON, SPLIT, MOVE and ZOOM four modes.
CTI: opening this function can restrain the different color from crossing and interfering, in order to improve the quality of picture.
LTI: opening this function can dynamically optimize the brightness of image, in order to improve the quality of picture.
DLC: opening this function can adjust the sight depth of image according to the image content dynamically optimize.
SKIN: opening this function can optimize the skin of character in the image, in order to make the image more natural.
DNR: use digital mode to restrain the image noise, in order to reduce the interference. There are OFF, WEAK, MEDIUM and STRONG four modes.

SAVE MODE
Using this function can reduce the power consumption of TV set.
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select FUNCTION menu.
3.Press ▲▼ button to select SAVE MODE item.
4.Press ◀▶ button to select AUTO, MODE1 or MODE2.

CLOSED CAPTION
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select FUNCTION menu.
3.Press ▲▼ button to select CLOSED CAPTION item.
4.Press ◀▶ button to select OFF, CC1, CC2,CC3, CC4,TEXT1, TEXT2, TEXT3 or TEXT4.
When CCD is in OFF mode, the CCD content will not display; when it is in CC 1 mode, the CLOSED CAPTION will be started, and the contents of CLOSED CAPTION1 will be displayed after the FUNCTION menu disappears; in a similar way, in CC 2/CC3/CC4 mode, the contents of CLOSED CAPTION2/CLOSE CAPTION3/CLOSE CAPTION4 will be displayed after the FUNCTION menu disappears. When it is in TEXT1 mode, the

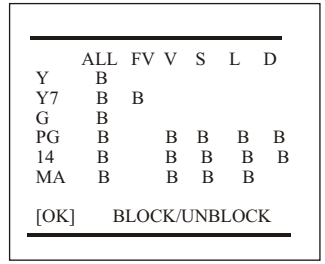
TEXT1will be started, and the contents of TEXT1 will be displayed after the FUNCTION menu disappears; in a similar way, when it is TEXT2/ TEXT3/TEXT4 mode, the TEXT2/TEXT3/TEXT4 will be started, and the content of TEXT2/TEXT3/ TEXT4 will be displayed after the FUNCTION menu disappears.
Note: when the set has the OSD on-screen, the CCD function will disappear and will reappear when the OSD moves off screen.

PARENT CONTROL
1.Press MENU button to make the main menu display.
2.Press ◀▶ button to select FUNCTION menu.
3.Press ▲▼ button to select PARENT CONTROL item.
4.Pressing ◀▶ button to enter, the TV set will remind you input password(the default password is 0000.).It will enter parent control menu.



CHANGE PASSWORD
1.Press ▲▼ button to select CHANGE PASSWORD item.
2.Press ◀▶ button to enter, it will remind you input new password. Later you will input new password again to confirm.
3. After that it displays changed ok.

TV RATING
1.Press ▲▼ button to select TV RATING item.
2.Press ◀▶ button to enter TV RATING menu.
3. Press ▲▼ button to move the cursor to the rating you need to set in TV RATING menu, press ◀▶ button to move the cursor to ALL, FV, V, S, L or D, then press P.G. button to set it U or B.



MOVIE RATING
1.Press ▲▼ button to select MOVIE RATING item.
2.Press ◀▶ button to select NONE, G, PG, PG13, R, NC17 or X.

ENGLISH RATING
1.Press ▲▼ button to select MOVIE RATING item.
2.Press ◀▶ button to select NONE, E, C, C8+, G, PG or 14+.

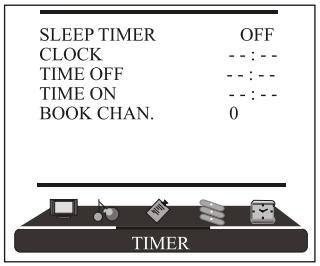
FUNCTION SETTING

FRENCH RATING
1.Press ◄► button to select MOVIE RATING item.
2.Press ▲▼ button to select NONE, E, G, 8ANS+, 13ANS+ or 16ANS+.

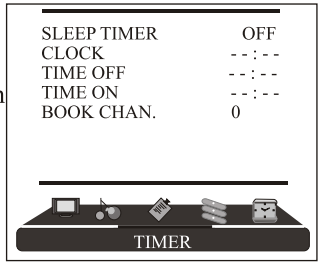
Parental Guidance technology:
To understand clearly about TV programs rating codes, read the following list.
U.S. TV Program Ratings
NR: Not Rated- this means that programs are not rated or rating does not apply.
TV-Y: For all children- this type of rated programs are designed for a very young audience, including children from ages 2-6.
TV-Y7: Directed for older children -this type of rated programs may include comedic violence or mild physical, or may frighten children under the age of 7.
TV-G: General Audience- this type of rated programs contains little or no violence, no strong language, and little or no sexual dialogue and situation.
TV-PG: Parental Guidance Suggested- this type of rated programs may contain limited violence, some suggestive sexual dialogue and situation, and rare language.
TV-14: Parents strongly cautioned- this type of rated programs may contain sexual content, strong language and more intense violence .
TV-MA:Mature audience only - this type of rated programs may contain graphic violence, explicit sexual content and profane language.
FV: This type of rated programs contain Fantasy and cartoon violence.
Violence: This type of rated programs contain violence.
S: This type of rated programs contain sex.
L: This type of rated programs contain offensive language.
D: This type of rated programs contain dialogue with sexual content.
U.S.Movie Rating Chart
NR: This means movie is not rated yet. It is pending government rating approval.
G: General Audience- this type of movie rating means all ages admitted to see the movie.
PG: Parental Guidance Suggested- this type of movie rating means some material may not be suitable for children.
PG-13: Parents Strongly Cautioned- this type of movie rating means some material may not be appropriate for children under 13.
R: Restricted- this type of movie rating means children under 17 of age requires to be with parent or guardian.
NC-17: This type of movie rating means no one 17 and under admitted.
X: This type of movie rating means adults only.

TIME SETTING

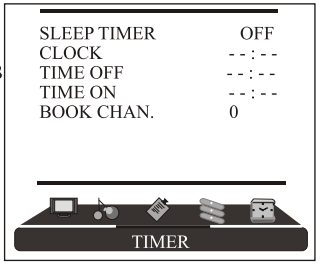
SLEEP TIMER
1.Press MENU button to make the main menu display.
2.Press ◄► button to select TIMER menu.
3.Press ▲▼ button to select SLEEP TIMER item.
4.Press ◄► button to select the sleep timer you need. You can select OFF, 5, 10, 15,30, ..., 240. After setting, press MENU button to save and exit, the TV will start counting.
Note: You can press SLEEP button on the remote controller to set the sleep timer you need.



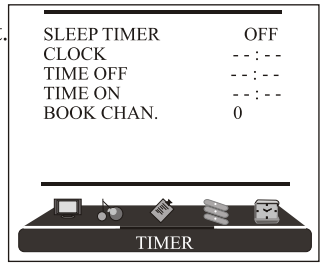
CLOCK
1.Press MENU button to make the main menu display.
2.Press ◄► button to select TIMER menu.
3.Press ▲▼ button to select CLOCK item, press ◄► button to enter setting. Press ◄► button to select hour or minute position, press ▲▼ button to adjust the value. After setting, press MENU button to save and exit.



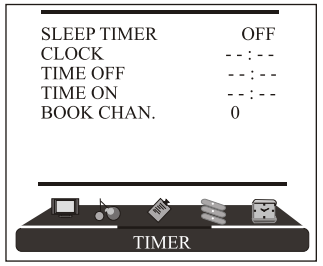
TIME OFF
1.Press MENU button to make the main menu display.
2.Press ◄►button to select TIMER menu.
3.Press ▲▼ button to select TIME OFF item, press◄►button to enter setting. Press ◄►button to select hour or minute position, press ▲▼ button to adjust the value. After setting, press MENU button to save and exit. When the time off is coming, the TV set will enter standby status.



TIME ON
1.Press MENU button to make the main menu display.
2.Press ◄► button to select TIMER menu.
3.Press ▲▼ button to select TIME ON item, press ◄► button to enter setting. Press ◄► button to select hour or minute position, press ▲▼ button to adjust the value. After setting, press MENU button to save and exit.
Note: on the condition that the clock is set.



TIME SETTING



BOOK CHAN.

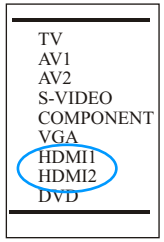
1.Press MENU button to make the main menu display.

2.Press ◀▶ button to select TIMER menu.

3.Press ▲▼ button to select BOOK CHAN. item, press ◀▶ button to set the on channel, if the on channel is off, the on channel is the channel before standby status.

Note: on the condition that the time on is set.

SIGNAL SOURCE SETTING



There are different signal source modes in this TV set: TV, AV1, AV2, S-VIDEO, COMPONENT, VGA, HDMI1, HDMI2 or DVD.

1.Press INPUT button on the remote control to make the signal source menu display.

2.Press INPUT button on the remote control repeatedly to select the signal source you need.

BASIC PLAYBACK

Preparations

● Press the DVD button on the remote control to enter the DVD status. Press the TV button on the remote control to return to the TV mode.

Note: The unit do not allow enter DVD mode again after it have just left to avoid any damage of the DVD. Wait for 10 second to enter again.

Basic playback

1. Press OPEN/CLOSE to open the disc tray, place a disc on the disc tray.£If there is no disc placed on the disc tray in DVD mode, OPEN will display on the screen all the times)
   ● There is only one disc size . Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD player to malfunction. Do not place a disc which is unplayable in this DVD player.
2. Press OPEN/CLOSE to close the disc tray, the playback will automatically start.
   ● Some disc may not playback automatically, you can press PLAY/ENTER button to start playback.
3. Some disc may start playback with a menu, use the cursor button on the remote control to select menu options and press PLAY/ENTER to start, or press digits to select a menu options directly.

Pause playback

1. Press PAUSE/STEP to pause playback (still mode). The sound will be muted during still mode.
2. Press PLAY/ENTER to resume normal playback.

D.CALL

When pressing the D.CALL button repeatedly different OSD indicator will be displayed for different types of disc DVD, CD, etc

Stop playback

1. Press STOP ■ button to go to stop mode, the TV screen will show the start-up logo. For some disc the player can recall the location where stopped, such as DVDs and audio CDs.
2. Press PLAY/ENTER ► to resume playback from the location where playback is stopped.
3. Press STOP twice to stop completely.

Previous and Next

During playback, press PREV ⏮ key can go back to the beginning of this chapter, then each press of this key will skip a chapter till the start of the disc. (note: Disc function may vary depending on disc format)
Each press of NEXT ⏭ key during playback will skip the current chapter and play the next one.

Fast forward and Fast reverse

1. Press F.FWD ▶▶ to fast forward through the disc. Each time the F.FWD ▶▶button is pressed, the fast forward motion speed changes. It would cycle through 2X, 4X, 8X, 16X, 32X and normal.
2. Press PLAY/ENTER to resume normal playback.
3. Press F.REV ◀◀ to fast reverse through the disc. Each time the F.REV ◀◀ button is pressed, the fast reverse motion speed changes. It would cycle through 2X, 4X, 8X, 16X, 32X and normal.
4. Press PLAY/ENTER to resume normal playback.

Single step playback

1. Press the PAUSE/STEP ⏯ button to pause the playback.
2. To view the next frame, press the PAUSE/STEP button. Each press of the PAUSE/STEP button advances the film by one frame.

ZOOM

Press ZOOM button can zoom enlarge or lessen the picture. Each time pressed the picture times will be change. In zoom mode press navigation buttons to move the picture displayed on the screen

ADVANCED PLAYBACK

IMPORTANT NOTE:
ALL DESCRIBING FUNCTION IS FOR DVD DISCS. IF YOU PLAY OTHER FORMAT DISC, THE OPERATION AND DISPLAY ON SCREEN MAY DIFFERENT.

SUBTITLE

Press " SUBTITLE ", the screen will display "SUBTITLE 01/XX XXXXX", "01" indicates the ordinal number of this language; "XX" indicates total number of language; "XXXXXX" indicates the language of country. (the number of language depends on disc). This function can select up to 32 languages displayed on screen.

REPEAT

Press REPEAT button multiple times to reach desired play mode:
DVD
Chapter repeat, Title repeat, All repeat
CD
Track repeat, All repeat
MP3
Single, Repeat one, Repeat folder, Folder, Shuffle, Random

REPEAT A-B

Press A-B to mark the start-point, press again to set an end point to complete setting. The selected section A-B will be repeated immediately. Press the Repeat A-B again to cancel this function.

ANGLE

When enjoying sports, concert or theatre, press this key to watch same actions in different angles. (Valid for discs possessing this function. Using a disc recorded in multi-angle you can view the scene from different angles, for example, front, side, whole view and exterior scene.)
exterior scene).

D.MENU

Press this key to display root menu, select item according to your preference. (This function will work with a DVD having a multi-layer menu.).

PROGRAM

When playing discs, press " PROGRAM " to enter program mode. Press the digit buttons to select the program number that you want. When finished, move the cursor to select "START" . This will start the program playback. If you want to cancel this function, press " STOP " , then press "PLAY/ENTER" .

SEARCH

Press "SEARCH" once to display the search menu. Use the up/down navigation buttons to select the item you require. Press PLAY/ENTER to confirm (CD, and MP3 press the search button several times to select the item). And then press the numeric buttons or navigation buttons to input the item you require. Press PLAY/ENTER to confirm.

SLOW PLAY

Press SLOW to play a disc in slow forward. Each time the SLOW button is pressed, the slow motion speed changes.
Press PLAY /ENTER to resume normal playback.
Note: This function is invalid for CD and Mp3.

AUDIO

Press this key can change the audio mode.
such as: Audio 1/2: AC 3 2 CH English
Audio 2/2: AC 3 5.1 CH English
If you play CD disc, press this button can cycle among Mono Left, Mono Right, Mix-Mono and Stereo.

Note: When press this button continuously, you must above 3 seconds interval.

TITLE/PBC

With some DVD discs pressing this key will display the title menu. You can then use the digit buttons to select the item you prefer.

SPECIAL FUNCTION PLAYBACK

Kodak Picture CD and Mp3 DISC FUNCTION INTRODUCTION

You can view Kodak picture CD and JPEG picture CD on this TV.

Playback

Insert a Kodak picture CD or JPEG picture CD into the tray and the disc will be loaded automatically. If the disc type can be identified, the player will start showing the pictures one by one (slide show mode).If a navigation menu will be displayed use the navigation buttons to select a file, then press the PLAY/ENTER button.
Each picture in the CD will be displayed consecutively in a slide-show fashion and will be scaled to fit in the whole TV screen. Some slide show transition modes are provided, use "PROGRAM" key to select. Customer can set transition effects for each picture.
To display an image indefinitely, press the "PAUSE" key. To view the next or previous picture, press "NEXT" or "PREV" key. To resume the slide show, press the " PLAY/ENTER" key.
Press the STOP button to preview the photos in a folder. Press navigation buttons to rotate a picture.

Zoom

We provide zoom in/out function for the pictures. Press the ZOOM key to execute zoom function and select the zoom enlarging scale by pressing and buttons.

SCREEN SAVER FUNCTION

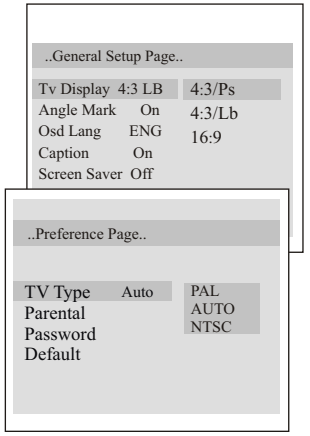
If this unit is not working by 3 minutes, it will go to sleep mode with screen saver on. In this mode, you can press any key on remote control or on front panel to activate the unit.
You can set SCREEN SAVER function to OFF in GENERAL SETUP PAGE of DVD SYSTEM SETUP.

MP3 PLAYBACK

When playing an MP3 disc, a navigation menu will be displayed automatically. In the menu, use UP or DOWN navigation buttons to choose the folder, then PLAY/ENTER to enter the folder. Use UP or DOWN navigation buttons to choose the file and press PLAY/ENTER.
Pressing the left navigation button will take you to the previous screen menu.

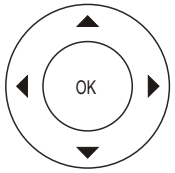
General Setup Process

1.Press the SETUP button, the General Setup Page, Preference Page will be displayed in turn.



2.Press ▲or▼to select, the item, then press ▶ to enter the submenu.

3.Press ▲or▼to select then press PLAY/ENTER to confirm.



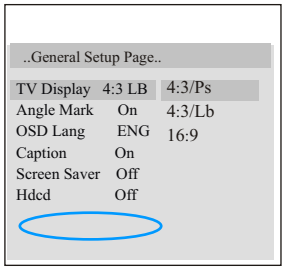
4.Press EXIT key or press SETUP repeatedly to exit the set-up menus.

General Setup Page

ASPECT RATIO DESCRIPTION

When using the DVD with the internal TV, select 4:3/LB.

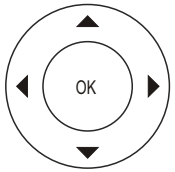
The following information applies only when the DVD output is connected to an external TV.



4:3/PS (PS = Pan and Scan)
You may select if you have a normal aspect ratio (4:3) TV, although the NORMAL/LB (letter box) is a more common choice. In PS mode, widescreen material will fill the screen, but at the expense of chopping off extreme left and right edges of the original film picture. For this feature to work, the disc must be specially coded. Such discs are uncommon.

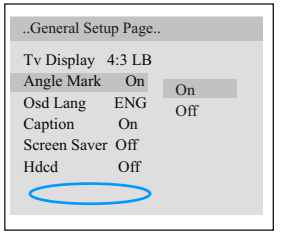
4:3/LB (LB = Letter Box)
You may select this if you have a normal aspect ratio (4:3) TV. Widescreen material will be shown in pure unaltered form, allowing the entire picture area of the original film to be viewed without any side cropping. Black bars will appear above and below the picture.

16:9
You may select this if you have a widescreen (16:9) TV. Back bars may still appear above and below the picture even if using a widescreen TV. This is because some film directors prefer to use ultra widescreen aspect ratios e.g. 2.35:1. This will normally be indicated on the DVD packaging.

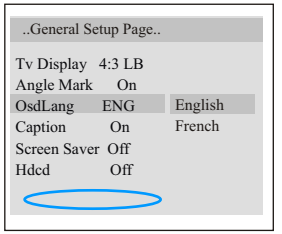


General Setup Page

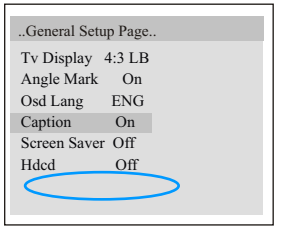
Angle Mark: Users can select a particular camera angle when playing a DVD which offers multiple angles.
This item allows you to set Angle Mark ON or OFF.



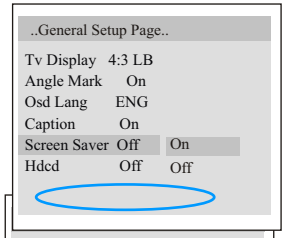
On Screen Display (OSD) Language: Users can select on-screen display language.



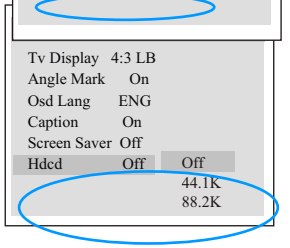
Caption: This function allows you to display or hide the caption.



Screen Saver: If the screen saver is on,then there will be an animated picture of DVD on the screen whenever the DVD player is idle for more than 3 minutes .

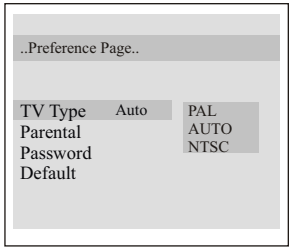


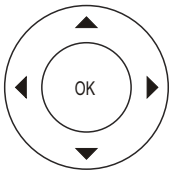
Hdcd: When default setting is off, it will display "CD" by reading HDCD, for HDCD playback, please choose 44.1K or 88.2K.



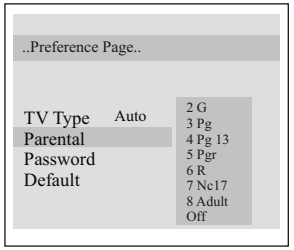
Preference Page
The Preference Page is only available when there is no disc in the player. These settings are applied consistently to all discs which are inserted and played.

TV Type: This player supports different TV output, including MULTI(Auto), NTSC, and PAL systems. Usually please set to MULTI.





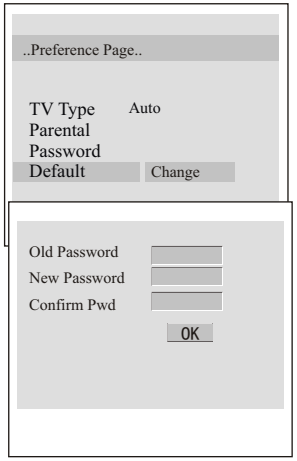
Parental: The parental control function works in conjunction with the different censorship classes assigned to DVDs. These classes help to control the types of DVDs that the family watches, There are up to 8 censorship classes for DVDs.



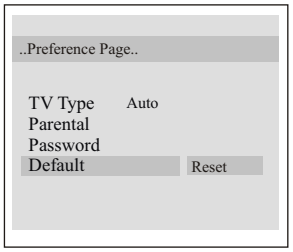
Note:
1 To change this setting you must enter your password. (Initial password is 1234)
2 When set to OFF, all discs may be viewed.

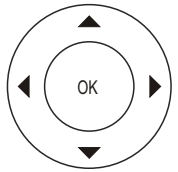
Password change:
You can change your password by entering 4 digits. Your must confirm the 4 digits before the new password can be accepted.

NOTE:If you forget your password or a password is accidentally set enter 1369 as the password. This will enable you to regain control.



Default: Resets all settings (except password and parental lock status) for this DVD player back to the manufacturers original settings. Press ENTER to perform the reset.





Note:
Some functions may not be available depending on the type of disc.

PLAYABLE DISCS

The following discs can be played:

DISCS	LABEL	CONTENTS	DIMENSION
DVD VIDEO	DVD VIDEO	Audio +Video (moving picture)	12cm
AUDIO CD	COMPACT disc DIGITAL AUDIO	Audio	12cm
JPEG	JPEG	Video(picture)	12cm
KODAK CD	Kodak PICTURE CD COMPATIBLE	Video(picture)	12cm
CD-R	CD•R	Audio or Video (moving picture)	12cm
CD-RW	CD-RW	Audio or Video (moving picture)	12cm
CD+G	CD+G	Audio(picture)	12cm

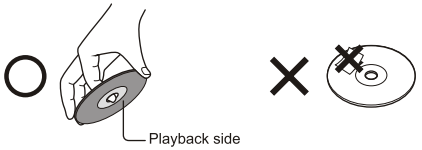
Support discs: DVD, VCD, CD-R, CD-RW, SVCD, DVCD, HDCD, JPEG,CD+G, Kodak CD , WMA.

- You cannot play discs other than those listed above.
- You cannot play non-standardized discs, even if they may be labeled as above.
- The performance of CD-R or CD-RW disc is depend on the way of disc-burning. In a few cases, their performance may not be very well or even not playable.

DICS PROTECTION AND DVD CHARACTERISTICS

ON HANDLING DISCS

- Do not touch the playback side of the disc.
- Do not attach paper or tape to disc.



ON CLEANING DISCS

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.

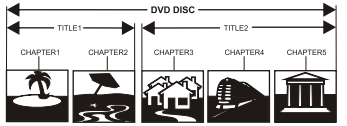
- If you can not wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzine, commercially available cleaners or anti-static spray for vinyl Lps. It may damage the disc.

ON STORING DISCS

- Do not store discs in a place subject to direct sunlight or near heat source.
- Do not store discs in place subject to moisture and dust such as a bathroom or near a humidifier.
- Store discs vertically in a case. Stacking or placing object on discs outside of their case may cause warping.

STRUCTURE OF DISC CONTENTS

Normally, DVD discs are divided into titles, and the titles are sub-divided into chapters. Audio CD are divided into tracks.



Each title, chapter, or track is assigned a number, which is called title number, chapter number or track number respectively.
There may be discs that do not have these number.

Compare DVD disc with other discs:

	DVD				LD	SVCD	VCD	CD
Encode method	Digital/MPEG Ⅱ				Analog	Digital	Digital/ MPEG Ⅰ	Digital
Capacity	Single-side single-layer 4.7G	Double-side single-layer 8.5G	Single-side double-layer 9.4G	Double-side double-layer 17G		650MB	650MB	650MB
Playing Time	133 minutes	242 minutes	266 minutes	484 minutes	Single-side 60 minutes double-side 120 minutes	45 minutes	74 minutes	74 minutes
Disc diameter	12cm				30cm/20cm	12cm	12cm	12cm
Horizontal resolution	More than 500 line				No more than 430 line	No more than 350 line	No more than 250 line	
Picture proportion	Multiple kinds				One kind	One kind	One kind	
Subtitle	32 kinds				16 kinds at most	4 kinds		
Sound quality	48KHz, 96KHz/ 6, 20, 24bit				44.1KHz/ 16bit	44.1KHz/ 16bit	44.1KHz/ 16bit	44.1KHz/ 16bit

OTHER SETTING FUNCTION

HDMI

- HDMI™ . The HDMI logo and High-Definition Multimedia Interface is a trademark or registered trademark of HDMI Licensing.
-This TV can receive the High-Definition Multimedia Interface (HDMI).
-This TV supports HDCP (High-bandwidth Digital Contents Protection) Protocol for 720x480p, 1280x720p and 1920x1080i resolution.
-When you connect this TV with a source device (DVD player, Set Top Box or PC) supporting Auto HDMI function, the output resolution of the source device will be automatically set to 1280x720p.
-If the source device does not support Auto HDMI, you need to set the output resolution appropriately.
To get the best picture quality, adjust the DVD Player or Set Top Box's output resolution to 1280x720p, and the PC graphics card's output resolution to 1024x768, 60Hz.
-If the source device has an HDMI output, no other audio connection is necessary because HDMI-to-HDMI connecting includes both video and audio.

How To Connect

1. Connect the source device to HDMI port of this TV with an HDMI cable (not supplied with this product).
2. No separated audio connection is necessary.

How To Use

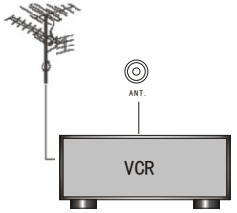
-If the source device supports Auto HDMI function, the output resolution of the source device will be automatically set to 1280x720p.
-If the source device does not support Auto HDMI, you need to set the output resolution appropriately.
To get the best picture quality, adjust the output resolution of the source device to 1280x720p.
-Select HDMI input source by using INPUT button.

How To Set

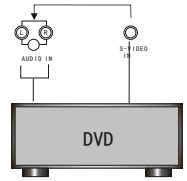
The method to set is similar to TV.

EXTERNAL AUDIO AND VIDEO EQUIPMENT CONNECTION

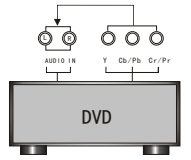
You can connect outside signal source VCR, VCD DVD, PC equipment to the TV set.
Antenna Input
1.Connect the VCR radio frequency input to the back radio frequency input of the LCD.
2. Connect the antenna to VCR antenna input.
3. Press INPUT button to select TV mode.
4. Press PLAY button in VCR to start watching.



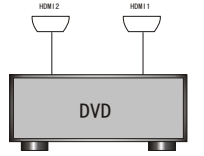
S-VIDEO input
If you use S terminal as signal input source, the image quality will be better than video (AV).
1.Connect S terminal output in DVD to S terminal input in TV set.
2.Connect S terminal left/right audio output in DVD to the relevant port in TV set.
3.Press INPUT button repeatedly until the display mode is S-VIDEO.
4.Press PLAY button in DVD to broadcast. At this time the image programs in DVD will broadcast in TV set.



COMPONENT input
1. Component terminal (Y/PbCb/PrCr) connect to the component output of picture output device (such as DVD, HDTV TUNER and so on), the sound is input from AUDIO IN:
2.Press INPUT button to select COMPONENT mode.
3.Press PLAY button on the external device to start watching.



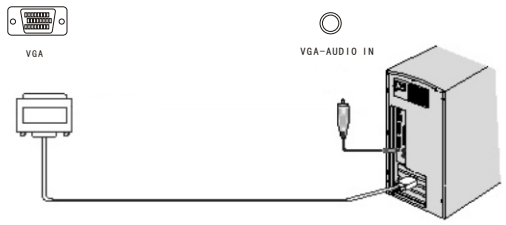
HDMI input
1.Connect HDMI signal source output to the HDMI input in this TV set.
2.Press INPUT button to select HDMI1 or HDMI2 mode.
3.Press PLAY button on the external device to start watching.



USING YOUR TV AS A COMPUTER DISPLAY

VGA input
1. Connect the VGA output port in the computer to the VGA port in the TV set.
2. Connect the audio cable in computer to VGA AUDIO IN port in TV set.
3. Press INPUT button to select VGA mode.
4. Turning on the computer, the screen image of the computer will display on the TV set.

At this time, the TV set can be used as a computer display.



RESOLUTION:

Mode	Resolution	Horizontal Frequency	Vertical Frequency
VGA	640 x 480	31.5kHz	60Hz
SVGA	800 x 600	37.9kHz	60Hz
XGA	1024 x 768	48.4kHz	60Hz

Note: The above parameters are VESA standard.

Note:
1. If the temperature of the TV set is rather low, it is normal that there may be some artifacts when the set is first turned on.
2. Nonconforming pixels may occur on the panel, but they have no influence on the normal function of the display.
3. In the standard operation, It is normal if there is one bright dot or dark dot on the screen.

SPECIFICATIONS

- The part specifications of this TV set provided here are for reference only. Differences may occur as product technology is updated.

Model		LV-2612P/LV-3212P
Screen	Type	A-si TFT active matrix
	Viewable angle	176° (H)/176°
TV/VIDEO	Color system	NTSC (AV)
	Sound system	M
	Video input	CVBS, S-VIDEO, YPb/Pr, YCb/Cr, VGA, HDMI
DTV Y/Pb/Pr		Composite: 480i/p, 576i, 720p,1080i,1080p
Power		See rating plate
Power consumption		See rating plate
Dimension (W×D×H)(cm)		68.1×24.6×52.9 (including base) (LV-2612P) 81.3×24.6×62.1 (including base) (LV-3212P)
Environment conditions		Working temperature: +5℃～+35℃ Working humidity: 20%-80% Storage temperature: -15℃～+45℃ Storage humidity: 5%-90%
Accessory		User's manual (×1) Remote control (×1) Power cord (×1) Battery (×2)

- The design and specifications are subject to change without notice.

TROUBLESHOOTING GUIDE

The following problems are not always caused by hardware failure. Please use the follow troubleshooting guide before you call for service:

BREAKDOWN PHENOMENON		CHECK FOR
PICTURE	SOUND	
Picture with Snow	Noise	The direction and connection of the antenna
Double or Triple Image	Normal	Direction, station and connection of the antenna
Disturb	Noise	Interference from electric appliance. Automobile, Motor, Vehicle, Fluorescence lamp, etc.
Normal	No Sound	Volume, Sound mute
No Picture	No Sound	The power plug isn't plugged in AC outlet. The main power isn't turned on. The setting up of contrast, brig-htness and volume.
No Color	Normal Volume	Adjust color control
Scramble	Normal or Weak Volume	Adjust channel again

Note:1.If the problem can not be fixed after you check above items, DO NOT attempt to remove the back cover by yourself.

2.A snapping sound from the cabinet of the TV set can be heard occasionally. This is normal and is caused by temperature changes of the operating environment and does not affect the operation of the set.

3.Do not let the TV set stay on a static images, as this can lead to permanent residual images. If this situation occurs, the TV set may recove automatically after 12 hours if you switch the TV set to dynamic programming.

PWW SERVICE CORP.

PWW LIMITED WARRANTY FOR PDP/LCD TELEVISION PRODUCTS

PWW warrants this product to be free from manufacturing defects in material and workmanship under normal use for the period indicated on the warranty card.

What PWW will do:

- Pay an authorized PWW Service Center the labor charges to repair your television.
- Pay an authorized PWW Service Center for the new, or at our option, refurbished- replacement parts required to repair your television.

How to obtain service:

- Call the PWW Customer Support line documented on the warranty card, or visit www.pwwservice.com to locate the nearest authorized PWW Service Center.
- For televisions with screen sizes 30" or less you will be requested to bring your unit in to the authorized service center and pick up when repairs are complete.
- For televisions with screen sizes 32" and above you may request home service from an authorized PWW Service Center provided that your television is located within the geographic territory covered by an authorized PWW Service Center. **If in-home service is not available in your area, you must take your television to the Service Center location at your own expense, or pay for the cost that the Service Center may charge to transport your television to and from your home.**
- Proof of purchase in the form of a bill of sale or receipted invoice, which is evidence that the product is within the warranty period, must be presented to obtain warranty service.

This warranty does not cover:

- **Removing LCD / PDP sets from custom wall mounts or cabinetry**. All in-home service requests for LCD/PDP televisions requires that the unit be dismounted and accessible for the service technician **prior** to their arrival. Technicians are not responsible for remounting the LCD/PDP set upon completion of repairs. All costs and fees associated with mounting and unmounting units will be the sole responsibility of the customer.
- Physical or cosmetic damages.
- Ordinary adjustments as outlined in the owners manual that can be performed by the customer.
- Damage to equipment not properly connected to the product.
- Any cost incurred in shipping the product for repair.
- Signal reception problems caused by external antenna, cable systems or interference.
- Incompatibility due to a change in TV/CATV broadcast systems after the product was sold.
- Batteries.
- Images burnt on to the screen.
- Initial installation and related adjustments.
- Power surge and / or lightning protection.

This warranty is void:

- **If the original proof of purchase cannot be supplied**.
- Damaged through misuse, negligence or abuse.
- Modified or repaired by anyone other than authorized PWW service center.
- Damaged because it is improperly connected to any other equipment.
- Used in a commercial application or rental.

PWW Service Corp is not liable for any claim made by a third party or made by you for a third party.

This warranty is not transferable and only applies to the original purchase, and only in the original country of purchase. Any implied warranties, including the warranty of merchantability, are limited in duration to the period of this expressed warranty and no warranty whether expressed or implied shall apply to the product thereafter. Under no circumstance shall PWW be liable for any loss or consequential damage arising out of the use of this product. This warranty gives specific legal right. However, you may have other rights that may vary from state/province to state/province. Some state/province do not allow limitations on implied warranties or exclusions of consequential damage. Therefore these restrictions may not apply to you.

Please retain your original proof of purchase and go to www.pwwservice.com to register your product.